

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

2 SB252
.A1U5

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
COTTON DIVISION
4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122
Telephone 901-521-2934



United States Cotton Quality Report For Ginnings Prior To February 1, 1979

Vol. 52, No. 5

February 28, 1979

Upland cotton ginned prior to February 1 this season was slightly lower in grade but a little longer in staple than a year earlier, according to the Cotton Division, Agricultural Marketing Service, USDA. White grades 31 and higher comprised about 14 percent of this season's ginnings compared with 22 percent last season. Thirty-six percent of this seasons ginnings was grade 41 compared with 29 percent last year. The average staple for this season's ginnings was 33.7 thirty-seconds inches compared with 33.6 last year. The average mike was slightly lower than last year - 43 compared with 44. The average fiber strength was 88,000 pounds per square inch (psi) against 87,600 last season. Upland cotton ginnings prior to February 1 totaled 9,971,500 running bales. This is about 95 percent of the indicated 1978 crop.

White grades 31 and higher accounted for nearly 14 percent of upland ginnings prior to February 1. This is the smallest percentage of these grades since the 1974 crop of nearly 13 percent. Grade 41 comprised 36 percent of the season's crop compared with 29 percent last season. White grades made up 71 percent of the 1978 ginnings, unchanged from the 1977 crop and compared with 67 percent of the 1976 crop. Light Spotted grades comprised 27 percent of the 1978 crop ginnings prior to February 1 - the largest percentage for the past six seasons. Spotted grades made up two percent of the season's ginnings, unchanged from last season and compared with nine percent of the 1976 crop.

Cotton stapling 31 and shorter comprised 13 percent of this season's upland ginnings prior to February 1 compared with 17 percent in 1977 and 16 percent in 1976. Staples 32 and 33 comprised 12 and 10 percent, respectively, of the 1978 crop, about the same as 1977. Cotton stapling 34 and 35, combined, totaled 55 percent of the season's ginnings through January. This compares with 50 percent for the 1977 crop and 53 percent for the 1976 crop. Staples 36 and longer comprised 10 percent of this season's ginnings compared with 11 percent in 1977 and 12 percent for the 1976 crop. The predominant length was staple 35, which made up 31 percent of the classings.

The average micronaire for 1978 ginnings prior to February 1 was 43. This compares with 44 for the 1977 crop, 42 for the 1976 crop and 40 for the 1975 crop. Seventy-seven percent of the ginnings prior to February 1 had mike readings of 35-49 compared with 80 percent for the 1977 crop. Cotton miking 26-34 comprised 10 percent of this season's ginnings compared with five percent last season. Cotton miking 50 and above accounted for 13 percent of the 1978 ginnings prior to February 1 compared with 15 percent the previous season.

Fiber strength of cotton ginned prior to February 1 this season averaged 88,000 pounds per square inch (psi). This compares with 87,600 last season and 86,200 psi for the 1976 season. Five percent of the season's ginnings was in the 64,000 - 79,000 psi grouping, 58 percent in the 80,000 - 89,000 grouping and 37 percent in the 90,000 psi and above grouping.

Upland cotton ginned prior to February 1 this season totaled 9,971,500 running bales, according to the Bureau of the Census. This compares with 13,754,200 bales last season. During January this season upland ginnings totaled 714,500 bales compared with 331,600 bales ginned during January last season. American Pima ginnings this season totaled 80,100 running bales, compared with 104,400 the previous season.

Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade Code	January 1-31			Season through January 31			Supply to February 1			Change in Supply	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977 from 1977
	Bales	Bales	Pct.	Pct.	Bales	Bales	1,000 bales	1,000 bales	Pct.	Pct.	1,000 bales
<u>White</u>											
11	-	-	-	*	38	634	1	**	*	*	-1
21	2,232	529	0.7	0.1	132,979	132,979	160	104	1.0	0.7	-56
30	550	61	0.2	*	65,954	7,933	77	31	0.5	0.2	-46
31	42,190	19,269	12.7	2.7	2,858,280	1,301,860	3,162	1,949	19.1	12.9	-1,213
40	14,884	5,909	4.5	0.8	955,524	562,371	1,239	928	7.5	6.2	-311
41	72,812	128,969	22.0	18.1	3,986,249	3,543,668	4,653	4,905	28.1	32.7	+252
50	4,245	8,996	1.3	1.3	301,384	278,622	501	607	3.0	4.0	+106
51	18,875	95,019	5.7	13.3	1,290,594	1,153,031	1,565	1,643	9.5	10.9	+78
60	156	1,907	*	0.3	16,116	23,426	24	35	0.1	0.2	+11
61	7,728	21,872	2.3	3.1	150,195	163,618	212	263	1.3	1.7	+51
70	34	51	*	*	341	515	1	1	*	*	0
71	2,722	4,886	0.8	0.7	20,096	21,697	31	39	0.2	0.3	+8
<u>Light Spotted</u>											
12	-	-	-	-	-	-	-	-	-	-	-
22	427	104	0.1	*	22,060	3,085	25	23	0.2	0.2	-2
32	52,566	43,654	15.9	6.1	1,375,752	495,114	1,536	1,077	9.3	7.1	-459
42	65,930	218,716	19.9	30.6	1,722,172	1,599,402	2,015	2,251	12.2	14.9	+236
52	21,346	110,595	6.4	15.5	485,860	557,169	604	755	3.7	5.0	+151
<u>Spotted</u>											
13	-	-	-	-	14	-	**	-	*	*	0
23	27	12	*	*	1,478	411	6	5	*	*	-1
33	3,346	4,918	1.0	0.7	41,686	25,593	124	60	0.7	0.4	-64
43	7,977	20,117	2.4	2.8	153,834	89,651	292	170	1.8	1.1	-122
53	6,127	16,571	1.8	2.3	101,340	58,176	156	113	0.9	0.7	-43
<u>Tinged 2/</u>											
24-54	1,922	1,950	0.6	0.2	10,168	5,890	56	25	0.3	0.2	-31
<u>Stained 2/</u>											
25-35	5	3	*	*	29	74	1	3	*	*	+2
<u>Light Gray</u>											
16	-	-	-	-	-	-	-	-	-	-	-
26	46	211	*	*	1,758	1,066	2	2	*	*	0
36	297	1,296	0.1	0.2	11,066	9,151	14	15	0.1	0.1	+1
46	212	526	0.1	0.1	4,101	3,672	11	7	0.1	*	-4
<u>Gray</u>											
17	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	34	30	**	**	*	*	0
37	5	39	*	*	362	294	**	1	*	*	+1
47	40	105	*	*	548	500	1	1	*	*	0
Below Grade 3/	4,925	8,215	1.5	1.1	43,623	33,410	67	73	0.4	0.5	+6
All grades	331,626	714,500	100.0	100.0	13,754,231	9,971,496	16,536	15,086	100.0	100.0	-1,450

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

* Less than 0.05 percent. ** Less than 500 bales.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	January 1-31		Season through January 31		Supply to February 1		Change in Supply	
	1977	1978	1977	1978	1977	1978	1977	1978
26 and shorter	Bales	Bales	Bales	Bales	1,000	1,000	bales	1,000
28	41	170	432	992	**	1	+1	+100.0
29	312	1,080	7,119	8,160	9	12	+3	+33.3
30	2,011	6,506	61,139	77,185	79	106	+27	+34.2
31	17,870	45,884	652,362	399,474	776	604	-172	-22.2
32	69,613	151,712	1,634,433	793,631	1,796	1,235	-561	-31.2
33	78,356	237,610	1,694,533	1,156,204	1,950	1,760	-190	-9.7
34	42,185	93,270	1,304,479	1,015,954	1,632	1,814	+182	+11.2
35	57,959	73,220	2,360,016	2,463,756	3,246	3,837	+591	+18.2
36	54,335	69,718	4,528,322	3,059,476	5,263	4,352	-911	-17.3
37	18,429	30,985	1,440,782	939,295	1,664	1,257	-407	-24.5
38	160	4,206	64,682	55,350	99	95	-4	-4.0
39	113	57	1,693	1,668	10	10	0	-
40 and longer	191	15	1,645	213	2	1	-1	-50.0
	51	67	2,594	138	10	2	-8	-80.0
All staples	331,626	714,500	13,754,231	9,971,496	16,536	15,086	-1,450	-8.8

1/ Data for current season are preliminary.

* Less than 0.05 percent.

** Less than 500 bales

Table 3. Specified measures of quality for upland ginnings 1/

Item	January 1-31		Season through January 31		Supply to February 1	
	1977	1978	1977	1978	1977	1978
Average staple, 32nd. inch	32.9	32.5	33.6	33.7	33.7	33.7
Rough preparation, percent	0.1	*	0.1	0.1	-	-
Tenderable, percent 2/	50.3	27.7	63.9	56.1	-	-
Average mike reading	41	38	44	43	-	-
Average fiber strength (Mpsi)	86.2	85.3	87.6	88.2	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

* Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland ginnings prior to February 1, this season and last season, by states 1/

State	26 and below 1977 1978	27-29 1977 1978	30-32 1977 1978	33-34 1977 1978	35-39 1977 1978	40-44 1977 1978	45-49 1977 1978	50-52 1977 1978	53 and above 1977 1978	Totals			Average mike 1977 1978
										Below 35 1977 1978	35-49 1977 1978	50 and above 1977 1978	
	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Pct. Pct.	Rdg. Rdg.
NC	- 0.2	* 1.0	0.1 2.2	0.3 2.3	1.2 31.5	5.7 52.7	45.8 9.6	31.9 0.5	15.0 -	0.4 5.7	52.7 93.8	46.9 0.5	49 40
SC	- *	0.2 0.3	1.3 0.9	1.9 1.2	9.7 12.7	16.2 56.6	38.5 26.7	23.4 1.6	8.8 *	3.4 2.4	64.4 96.0	32.2 1.6	46 43
GA	* *	* *	101 0.3	1.1 0.7	8.3 11.0	23.9 39.2	42.8 38.6	17.6 8.3	5.2 1.9	2.2 1.0	75.0 88.8	22.8 10.2	46 44
AL	* *	0.2 *	0.7 0.4	0.6 0.6	2.8 8.7	14.4 33.0	46.5 44.0	24.4 10.8	10.4 2.5	1.5 1.0	63.7 85.7	34.8 13.3	48 45
MS	* *	* *	0.4 0.4	0.5 0.5	3.8 4.0	23.3 23.9	50.5 45.8	18.2 20.4	3.3 5.0	0.9 0.9	77.6 73.7	21.5 25.4	46 47
TN	- *	* *	0.4 0.2	0.7 4.6	7.9 20.7	29.0 45.1	46.1 17.8	12.3 11.6	3.6 0.2	1.1 70.4	83.0 29.4	15.9 47	46
MO	- -	* *	0.4 0.3	0.6 0.6	5.2 7.7	21.0 29.8	37.2 40.4	24.1 16.5	12.2 4.6	0.3 1.0	63.4 77.9	36.3 21.1	47 46
AR	* *	* 0.1	0.2 0.4	0.3 0.5	3.1 3.6	18.5 16.2	53.0 47.8	20.8 22.1	4.1 9.3	0.5 1.0	74.6 67.6	24.9 31.4	47 47
LA	* *	0.3 *	1.1 0.4	1.3 0.4	4.7 1.9	12.8 7.5	44.9 39.7	28.5 34.5	6.4 15.6	2.7 0.8	62.4 49.1	34.9 50.1	47 49
OK	* 0.1	0.8 0.8	3.4 2.8	4.0 3.5	18.7 20.8	32.9 44.4	30.4 25.1	7.6 2.3	2.2 0.2	8.2 7.2	82.0 90.3	9.8 2.5	43 42
TX	* 0.3	0.6 2.4	2.6 8.8	3.5 9.0	20.5 33.9	36.6 28.5	26.6 12.9	6.5 3.3	3.1 0.9	6.7 20.5	83.7 75.3	9.6 4.2	43 39
NM	* 0.8	0.7 6.2	3.3 15.7	4.6 14.5	32.5 44.9	49.7 17.5	8.2 0.4	0.8 -	0.2 -	8.6 37.2	90.4 62.8	1.0 -	40 36
AZ	0.1 0.1	1.0 0.6	1.9 1.6	1.3 1.5	5.5 7.6	18.8 23.9	42.1 43.9	22.5 16.5	6.8 4.3	4.3 3.8	66.4 75.4	29.3 20.8	46 46
CA	0.1 0.4	1.0 1.5	2.3 3.7	1.9 4.0	16.6 22.8	51.2 44.3	23.8 21.4	2.7 1.8	0.4 0.1	5.3 9.6	91.6 88.5	3.1 1.9	42 41
Other	- -	1.0 1.2	5.0 6.8	7.1 5.7	36.7 23.5	33.3 49.7	8.2 11.6	8.2 1.5	0.5 -	13.1 13.7	78.2 84.8	8.7 1.5	40 40
US	* 0.1	0.6 1.3	1.9 4.2	2.2 4.5	13.8 19.4	32.9 29.7	33.6 27.9	11.4 9.8	3.6 3.1	4.7 10.1	80.3 77.0	15.0 12.9	44 43

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to February 1, this season and last season, by states 1/

State	Zero Gage Fiber Strength (Mpsi)																Average strength	
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above	
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mpsi	Mpsi
NC	-	-	-	-	0.1	*	2.3	4.5	16.8	30.2	47.6	45.1	28.4	18.3	4.8	1.9	-	87.8
SC	-	-	0.2	-	0.5	*	7.6	5.0	27.8	31.8	39.4	49.5	20.6	13.5	3.7	0.2	0.2	86.1
GA	-	-	*	-	1.9	-	14.3	4.0	36.5	19.3	32.2	42.4	12.5	30.3	2.4	3.7	0.2	84.4
AL	-	-	0.2	-	3.1	0.1	17.1	4.5	37.9	32.0	30.4	39.9	9.5	19.8	1.8	3.4	*	83.5
MS	-	-	*	-	0.7	*	6.9	2.2	35.9	23.6	38.5	46.1	14.9	23.0	3.0	4.8	0.1	85.5
TN	-	-	*	-	0.2	*	7.7	3.1	31.9	33.5	40.5	47.9	17.2	13.8	2.3	1.7	0.2	85.7
MO	-	-	-	-	1.6	0.2	15.0	4.4	44.9	27.5	28.9	40.7	8.7	24.3	0.7	2.5	0.2	83.6
AR	-	-	*	-	0.3	0.1	7.3	6.8	32.6	32.7	41.7	38.6	15.7	17.7	2.1	3.9	0.3	85.7
LA	-	-	*	*	2.0	0.1	18.1	4.1	42.5	17.5	29.7	36.4	7.0	30.4	0.6	10.2	0.1	83.2
OK	*	-	0.3	-	3.7	0.4	27.4	5.4	37.3	29.5	24.0	38.7	6.4	18.1	0.8	5.7	0.1	82.3
TX	-	-	0.1	*	1.0	0.9	7.6	7.8	27.2	28.4	34.0	34.2	21.2	20.2	7.1	7.2	1.8	86.7
NM	-	-	*	*	0.3	0.5	1.5	7.2	7.8	20.3	22.8	26.6	32.7	26.9	22.7	14.6	12.2	92.3
AZ	-	-	*	*	0.3	0.4	6.0	5.7	27.6	26.5	42.0	43.0	19.9	20.3	3.7	3.9	0.5	86.4
CA	-	-	*	-	0.1	*	0.5	0.3	3.5	3.3	14.5	21.3	29.7	33.6	30.9	26.6	20.8	94.6
US	*	-	*	*	0.9	0.3	7.4	4.7	25.3	22.8	31.3	35.4	20.1	23.5	10.1	9.8	4.9	87.6

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 6. Percentage distribution of the grade of upland cotton ginned prior to February 1, this season and last season, by states 1/

State	White												Light Spotted					Other Colored	Below Grade									
	21 and higher	30	31	40	41	50	51	60 and lower	22 and higher	32				42		52												
										Pct.	Pct.	Pct.	Pct.	Pct.	Pct.		Pct.			Pct.	Pct.	Pct.	Pct.	Pct.	Pct.			
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978		
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.		
NC	-	-	-	0.6	1.7	0.6	5.0	26.6	44.8	6.6	19.4	32.2	19.5	6.0	4.8	-	0.2	0.1	14.7	2.3	8.2	1.9	3.7	0.4	0.6	0.1		
SC	0.1	0.6	-	-	3.2	3.7	0.9	7.3	32.3	52.0	3.9	14.5	21.3	12.1	3.0	1.4	*	2.1	1.1	18.4	4.8	9.0	1.8	5.3	0.6	0.5	0.1	
GA	*	0.4	-	0.1	1.4	14.4	0.6	16.5	19.8	42.2	1.4	4.1	10.5	6.6	1.8	1.3	*	0.1	4.5	4.1	30.5	7.8	14.2	1.6	13.5	0.6	1.8	0.2
AL	0.1	0.2	-	*	1.8	8.4	0.3	3.4	13.6	46.3	0.4	3.7	3.5	6.5	0.4	0.9	0.2	0.1	5.0	8.1	35.5	17.2	11.8	2.9	26.0	2.1	1.4	0.2
MS	*	0.1	*	*	2.0	4.6	1.5	1.9	33.4	50.0	4.2	3.5	35.8	21.6	5.5	2.2	*	*	0.5	1.1	8.9	11.4	6.1	3.0	1.4	0.4	0.7	0.2
TN	0.1	0.4	*	*	3.9	17.1	1.7	4.7	24.4	47.0	1.7	3.6	12.3	9.4	2.2	1.3	*	*	2.2	4.4	26.5	9.8	17.0	1.9	6.2	0.3	1.8	0.1
MO	*	0.1	-	-	1.0	14.7	0.2	3.9	29.9	50.2	2.5	2.6	15.9	4.9	1.3	0.4	-	*	2.2	6.7	28.5	13.3	10.4	1.9	7.4	1.3	0.7	*
AR	*	0.1	*	*	2.6	8.6	1.7	4.6	38.6	48.6	4.6	4.0	19.4	9.6	1.5	1.1	*	*	1.3	2.4	20.1	16.3	6.9	3.7	3.0	0.8	0.3	0.2
LA	0.2	0.1	*	*	13.2	11.2	1.7	1.9	50.3	46.4	3.2	2.8	10.4	4.7	1.6	0.5	*	*	3.4	6.5	11.8	21.5	2.8	2.7	1.2	1.6	0.2	0.1
OK	0.1	0.6	*	*	4.7	7.2	1.3	2.3	13.5	20.5	0.9	1.8	7.6	8.3	1.2	0.9	0.1	0.1	13.1	16.9	36.9	30.4	12.5	7.0	7.6	3.9	0.5	0.1
TX	1.0	0.1	0.1	*	24.4	5.4	5.8	1.6	25.5	24.7	1.7	1.5	3.2	13.9	0.4	2.6	0.3	*	20.8	7.2	13.7	27.3	1.5	11.7	1.5	3.6	0.1	0.4
NM	0.8	-	*	-	23.7	2.4	7.3	3.8	34.3	34.1	5.1	11.3	3.0	12.5	0.7	1.7	*	-	12.2	7.5	10.2	16.5	1.5	7.3	0.9	2.7	0.3	0.2
AZ	0.7	1.7	0.6	0.4	20.2	28.3	3.3	7.1	50.7	36.4	1.7	2.1	6.4	6.8	1.4	1.7	0.1	0.1	3.8	6.1	6.8	5.1	2.7	1.6	0.9	1.4	0.7	1.2
CA	2.5	0.4	2.1	0.2	42.7	30.0	20.0	16.8	21.4	34.5	1.2	2.9	2.6	7.1	0.6	2.4	0.1	*	3.1	1.3	2.3	2.3	0.8	0.9	0.5	0.9	0.1	0.3
Other	2.3	1.0	1.2	-	15.3	7.4	1.7	6.0	27.4	46.6	2.5	6.7	17.2	19.6	1.2	4.4	-	-	0.3	0.8	19.9	3.6	9.1	2.8	1.7	0.6	0.2	0.5
US	1.0	0.3	0.5	0.1	20.8	13.1	6.9	5.6	29.2	35.7	2.2	2.8	9.4	11.6	1.3	2.0	0.2	*	10.0	5.0	12.5	16.0	3.5	5.6	2.2	1.9	0.3	0.3

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 7. Percentage distribution of the staple of upland cotton ginned prior to February 1, this season and last season, and total ginnings, by state 1/

State	Staple														Average staple		Total upland ginnings									
	28 and shorter		29	30	31	32	33	34	35	36	37	38 and longer		1977	1978	1977	1978									
	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977	1978	1977					1978								
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.			Bales	Bales									
NC	-	-	-	-	*	-	-	0.5	-	19.1	3.4	66.8	67.4	13.5	29.1	0.1	0.1	-	-	34.9	35.3	51,210	45,740			
SC	-	-	-	-	*	-	0.2	-	1.9	0.1	11.0	2.1	47.6	13.8	36.3	55.7	2.9	26.4	0.1	1.9	35.3	36.1	104,106	106,775		
GA	-	-	-	*	0.2	*	1.9	0.1	22.8	3.6	49.2	38.4	25.7	56.6	0.2	1.3	-	-	-	-	34.0	34.6	76,473	104,843		
AL	-	-	*	0.1	*	0.3	0.2	4.8	0.7	41.3	14.6	45.7	62.1	7.7	21.7	0.1	0.7	*	*	-	-	33.6	34.1	264,208	277,536	
MS	-	-	-	-	*	-	*	*	0.1	1.3	2.5	21.7	52.7	68.2	44.0	8.7	0.7	0.1	*	-	-	34.8	34.4	1,572,759	1,323,766	
TN	-	-	-	-	0.1	0.1	1.9	2.0	37.7	28.4	55.9	62.0	4.4	7.4	*	0.1	*	*	-	-	33.6	33.7	247,993	227,375		
MO	*	-	-	-	*	-	0.2	0.1	4.5	2.2	51.1	26.6	43.0	66.1	1.2	5.0	-	*	-	-	34.4	34.7	226,877	181,392		
AR	-	-	-	-	*	-	*	-	0.2	0.8	4.5	24.4	39.2	68.7	53.3	6.1	2.8	*	*	-	-	34.8	34.5	1,008,761	644,048	
LA	-	-	-	*	-	0.1	*	0.9	0.4	10.9	27.6	46.1	68.9	39.7	3.1	2.2	*	0.1	-	-	34.7	34.3	638,521	467,464		
OK	*	0.1	0.6	2.1	6.4	12.4	22.5	40.3	37.6	30.7	18.2	10.2	7.1	2.8	4.1	1.3	3.4	0.1	0.1	-	-	32.5	32.2	422,936	301,072	
TX	0.1	0.2	1.1	2.2	12.0	11.0	29.7	20.9	27.8	29.4	16.0	19.9	10.7	13.1	2.0	2.7	0.5	0.4	0.1	0.2	*	*	31.9	32.1	5,325,390	3,431,194
NM	*	0.1	0.1	1.1	0.7	4.0	3.2	6.4	6.6	4.4	4.4	4.2	5.8	8.9	6.6	38.3	29.5	31.8	42.2	0.8	0.9	35.5	35.7	147,238	86,144	
AZ	*	*	*	0.2	0.1	0.2	0.2	1.2	1.4	3.2	3.7	32.9	28.9	60.2	63.4	1.7	1.9	0.2	0.4	0.2	*	*	34.6	34.6	976,279	904,095
CA	*	-	*	0.1	0.1	*	0.1	0.2	0.3	0.7	0.8	8.2	8.0	51.0	49.2	39.7	41.3	0.1	0.2	-	*	*	35.3	35.3	2,684,510	1,865,556
Other	-	-	-	-	-	-	-	-	-	1.0	4.6	3.4	50.7	38.0	23.5	31.5	21.1	25.9	0.1	0.2	-	-	34.6	34.8	6,970	4,496
US	0.1	0.1	0.4	0.8	4.7	4.0	11.9	8.0	12.3	11.6	9.5	10.2	17.2	24.7	32.9	30.6	10.5	9.4	0.5	0.6	*	*	33.6	33.7	13,754,231	9,971,496

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to February 1, this season and last season, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1977	1978	1977	1978	1977	1978	1977	1978
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
North Carolina	7.5	5.6	*	0.1	*	*	7.5	5.7
South Carolina	11.7	6.6	0.6	1.2	*	-	12.3	7.8
Georgia	7.3	5.9	1.4	0.1	0.1	*	8.8	6.0
Alabama	3.5	4.1	1.8	0.3	*	*	5.3	4.4
Mississippi	6.2	8.1	2.0	0.5	*	*	8.2	8.6
Tennessee	3.8	3.9	1.4	1.6	*	0.1	5.2	5.6
Missouri	0.5	1.2	1.0	*	*	*	1.5	1.2
Arkansas	3.4	5.6	0.8	0.2	*	0.1	4.2	5.9
Louisiana	6.2	5.5	1.7	0.4	*	*	7.9	5.9
Oklahoma	1.4	0.7	15.7	11.4	*	*	17.1	12.1
Texas	3.3	1.4	1.7	13.8	*	*	5.0	15.2
New Mexico	1.4	0.4	2.7	11.3	0.2	*	4.3	11.7
Arizona	2.0	1.7	3.5	3.0	0.2	0.1	5.7	4.8
California	2.9	2.9	0.3	0.9	0.1	0.1	3.3	3.9
Other	4.8	7.1	4.8	2.6	-	-	9.6	9.7
United States	3.5	3.3	1.9	5.8	0.1	*	5.5	9.1

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	January 1-31				Season through January 31			
		1977	1978	1977	1978	1977	1978	1977	1978
Grade		Bales	Bales	Pct.	Pct.	Bales	Bales	Pct.	Pct.
1	(10)	-	-	-	-	-	-	-	-
2	(20)	-	-	-	-	116	224	0.1	0.3
3	(30)	185	211	1.4	1.3	16,865	7,556	16.2	9.4
4	(40)	7,342	4,139	53.7	24.6	68,482	39,135	65.5	48.9
5	(50)	3,592	8,121	26.3	48.2	14,884	25,319	14.3	31.6
6	(60)	1,305	2,688	9.6	16.0	2,383	5,537	2.3	6.9
7	(70)	577	985	4.2	5.8	808	1,415	0.8	1.8
8	(80)	457	483	3.4	2.9	538	586	0.5	0.7
9	(90)	120	126	0.9	0.7	210	153	0.2	0.2
10	(00)	63	92	0.5	0.5	70	125	0.1	0.2
Total		13,641	16,845	100.0	100.0	104,356	80,050	100.0	100.0
<u>Staple</u>									
40 and shorter		-	-	-	-	-	-	-	-
42		999	214	7.3	1.3	1,412	490	1.4	0.6
44		7,525	3,572	55.2	21.2	48,631	14,350	46.6	17.9
46		5,117	13,059	37.5	77.5	54,313	65,210	52.0	81.5
48 and longer		-	-	-	-	-	-	-	-
Total		13,641	16,845	100.0	100.0	104,356	80,050	100.0	100.0

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Table 10. Percentage distribution of micronaire readings for American Pima ginnings prior to February 1, this season and last season, by states 1/

Readings	State						United States	
	Texas		New Mexico		Arizona			
	1977	1978	1977	1978	1977	1978	1977	1978
	<u>Percent</u>		<u>Percent</u>		<u>Percent</u>		<u>Percent</u>	
24 and below	-	-	-	-	-	-	-	-
25	-	*	-	-	-	-	-	*
26	-	*	-	-	-	-	-	*
27	0.1	0.4	0.3	0.1	*	-	0.1	0.2
28	0.1	1.1	0.6	0.3	-	0.1	0.1	0.5
29	0.7	1.9	1.4	1.3	0.2	0.1	0.4	0.9
30	0.7	5.0	2.1	3.0	0.4	0.3	0.6	2.3
31	1.6	6.9	3.4	4.0	0.7	0.5	1.2	3.2
32	2.1	9.1	5.0	6.7	1.1	1.0	1.7	4.5
33	2.8	8.9	5.0	5.8	1.9	1.1	2.4	4.4
34	4.1	12.7	8.1	8.9	2.9	1.7	3.6	6.3
35	6.7	11.0	13.9	11.1	6.0	7.0	6.6	8.9
36	8.7	12.2	11.4	16.0	7.9	8.6	8.4	10.5
37	11.1	8.7	12.2	9.6	10.3	9.9	10.7	9.4
38	12.8	9.5	10.8	14.7	15.1	14.1	13.9	12.1
39	13.8	4.4	7.6	7.4	13.6	12.9	13.4	9.3
40	12.2	3.5	7.4	3.2	13.9	15.0	12.9	9.8
41	9.3	1.6	6.9	3.1	9.7	10.1	9.4	6.4
42	6.6	2.0	1.8	3.7	8.4	9.9	7.4	6.4
43	3.2	0.7	1.3	0.3	4.2	4.0	3.7	2.5
44	1.9	0.4	0.8	0.8	2.6	2.7	2.3	1.7
45	1.1	*	-	-	0.8	0.8	0.9	0.5
46	0.3	*	-	-	0.2	0.1	0.2	0.1
47	0.1	*	-	-	0.1	0.1	0.1	0.1
48	*	-	-	-	-	-	*	-
49	*	-	-	-	-	-	*	-
50 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	38	35	36	36	39	39	38	37

1/ Data for current season are preliminary.

* Less than 0.05 percent.

Grade Code	Staple														All staples	
	26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer	Bales	Pct.
White:																
11	-	-	-	-	-	-	-	-	15	-	-	-	-	-	38	*
21	-	8	137	378	98	366	2,848	10,268	13,934	3,992	-	-	-	-	32,029	0.3
30	-	-	10	-	-	59	98	1,743	4,324	1,674	25	-	-	-	7,933	0.1
31	23	247	6,110	32,048	23,214	20,788	78,491	333,442	604,856	200,267	2,363	11	-	-	1,301,860	13.1
40	-	32	434	2,957	4,634	7,220	23,151	97,060	256,285	166,905	3,590	93	-	10	562,371	5.6
41	167	567	7,475	65,383	162,244	263,223	286,387	1,048,755	1,327,480	356,226	24,793	823	94	51	3,543,668	35.7
50	-	11	172	2,046	5,652	12,624	22,462	64,952	111,057	49,392	9,802	422	-	30	278,622	2.8
51	-	92	1,442	16,812	69,273	173,064	174,665	302,426	326,868	82,709	5,527	140	13	-	1,153,031	11.6
60	-	-	20	346	862	2,697	3,075	3,972	6,984	5,295	169	6	-	-	23,426	0.2
61	-	33	394	2,612	8,508	24,493	33,984	42,518	38,056	12,782	211	-	27	-	163,618	1.6
70	-	-	-	-	19	13	139	119	154	71	-	-	-	-	515	*
71	-	-	56	487	1,384	2,998	4,209	5,615	4,576	2,338	24	10	-	-	21,697	0.2
Lt. Spotted:																
12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22	-	13	313	661	160	149	221	753	786	29	-	-	-	-	3,085	*
32	132	2,022	22,066	75,668	81,081	73,854	51,301	99,926	75,229	10,519	3,291	15	-	10	495,114	5.0
42	293	3,175	26,344	141,913	296,082	360,970	194,761	324,218	215,286	31,373	4,770	125	55	37	1,599,402	16.0
52	56	600	5,170	33,167	99,973	166,794	103,116	87,577	50,525	9,703	465	10	13	-	557,169	5.6
Spotted:																
13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	-	-	-	-	27	-	-	211	127	46	-	-	-	-	411	*
33	86	235	1,723	3,835	5,424	3,498	2,490	4,013	3,403	820	66	-	-	-	25,593	0.3
43	160	658	3,464	12,297	18,253	17,935	12,537	13,864	7,713	2,555	215	-	-	-	89,651	0.9
53	29	239	1,116	5,708	10,707	15,283	11,165	8,641	4,179	1,059	39	-	11	-	58,176	0.6
Tinged:																
24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34	-	10	56	92	61	135	65	87	81	11	-	-	-	-	598	*
44	13	26	177	294	649	629	239	192	337	128	-	-	-	-	2,684	*
54	10	25	90	251	808	632	366	154	209	63	-	-	-	-	2,608	*
Stained:																
25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
35	-	13	-	41	-	-	-	20	-	-	-	-	-	-	74	*
Lt. Gray:																
16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26	-	-	-	-	-	19	111	517	361	58	-	-	-	-	1,066	*
36	-	-	66	137	15	100	944	4,605	2,993	291	-	-	-	-	9,151	0.1
46	-	-	-	61	116	376	875	1,342	664	238	-	-	-	-	3,672	*
Gray:																
17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27	-	-	-	-	-	-	20	10	-	-	-	-	-	-	30	*
37	-	-	-	32	21	33	54	61	84	9	-	-	-	-	294	*
47	-	-	6	6	42	38	184	166	32	26	-	-	-	-	500	*
Below Grade	23	154	344	2,242	4,324	8,214	7,996	6,506	2,878	716	-	13	-	-	33,410	0.3
All grades	992	8,160	77,185	399,474	793,631	1,156,204	1,015,954	2,463,756	3,059,476	939,295	55,350	1,668	213	138	9,971,496	2/ 100.0
Percent	*	0.1	0.8	4.0	8.0	11.6	10.2	24.7	30.6	9.4	0.6	*	*	*	*	100.0

1/ Preliminary.
 2/ As reported by the Bureau of the Census.
 * Less than 0.05 percent.

Average staple 33.7
 Percentage of rough preparation 0.1
 Percent tenderable 56.1

Estimated grade and staple of American Pima cotton ginned in the United States
prior to February 1, 1979 1/

Grade Code		Staple						All staples	
		40 and shorter	42	44	46	48	50 and longer		
		<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Pct.</u>
1	(10)	-	-	-	-	-	-	-	-
2	(20)	-	-	119	105	-	-	224	0.3
3	(30)	-	89	2,255	5,212	-	-	7,556	9.4
4	(40)	-	89	5,836	33,210	-	-	39,135	48.9
5	(50)	-	43	3,351	21,925	-	-	25,319	31.6
6	(60)	-	11	1,663	3,863	-	-	5,537	6.9
7	(70)	-	64	697	654	-	-	1,415	1.8
8	(80)	-	107	275	204	-	-	586	0.7
9	(90)	-	34	106	13	-	-	153	0.2
10	(00)	-	53	48	24	-	-	125	0.2
All grades		-	490	14,350	65,210	-	-	80,050 <u>2/</u>	100.0
Percent		-	0.6	17.9	81.5	-	-		100.0

1/ Preliminary.

2/ As reported by the Bureau of the Census.

Average grade . . . 4.4

Average staple . . 45.6

PROCESSED
CURRENT SERIAL RECORDS

MAR 13 1979

U.S. DEPT. OF AGRICULTURE
NATL. AGRI. LIBRARY
RECEIVED